

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended) :

A communication system comprising a radio unit (2), several terminal equipments (1) and a local administration server (5), wherein the radio unit comprises a first communication interface with the terminal equipments (23), a second radiocommunication interface (20) with a cellular network (4), a module for identifying a subscription to the cellular network (40) and means for transferring multiple user streams between the cellular network and the respective terminal equipments connected to the first interface within the framework of the subscription identified by said module, and wherein the local administration server comprises means of communication with the terminal equipments, independent of the cellular network, to supervise the interchanges over the first communication interface.

Claim 2 (currently amended)

The system as claimed in claim 1, wherein a communication between the local administration server (5) and a terminal equipment (1) is made via the radio unit (2).

Claim 3 (currently amended)

The system as claimed in claim 1 or 2, wherein said first communication interface (23) is a radio interface.

Claim 4 (currently amended)

The system as claimed in claim 1 ~~in any of the preceding claims~~, wherein at least certain of said multiple user streams between the cellular network (4) and the respective terminal equipments (1) are simultaneous.

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Claim 5 (currently amended)

The system as claimed in claim 1 ~~any of the preceding claims~~, wherein at least certain of said multiple user streams between the cellular network (4) and the respective terminal equipments (1) are handled in packet mode.

Claim 6 (currently amended)

The system as claimed in claim 1 ~~any of the preceding claims~~, wherein at least certain of said multiple user streams between the cellular network (4) and the respective terminal equipments (1) are handled in circuit mode.

Claim 7 (currently amended)

The system as claimed in claim 1 ~~any of the preceding claims~~, wherein the radio unit (2) or the terminal equipments (1) comprise means (11) of measuring an activity relating to the interchanges over the first communication interface (23).

Claim 8 (currently amended)

The system as claimed in claim 7, wherein the means of communication between the local administration server (5) and the terminal equipments (1) comprise means of providing a billing based on said activity measurement relating to the interchanges over the first communication interface.

Claim 9 (currently amended)

The system as claimed in claim 8, wherein the terminal equipments (1) comprise means (12) of reading a payment means, information relating to the reading of the payment means being transmitted to the local administration server (5), and wherein said billing takes into account said information relating to the reading of the payment means.

Claim 10 (currently amended)

The system as claimed in claim 1 ~~any of the preceding claims~~, wherein the means of communication between the local administration server (5) and the terminal equipments (1) comprise means of authenticating said terminal equipments.

Claim 11 (currently amended)

The system as claimed in claim 1 ~~any of the preceding claims~~, wherein the means of communication between the local administration server (5) and the terminal equipments (1) comprise means of activating an encryption on said first communication interface.

Claim 12 (currently amended)

The system as claimed in claim 1 ~~any of the preceding claims~~, wherein the radio unit (2) comprises means (21) of controlling said multiple user streams between the cellular network (4) and the respective terminal equipments (1) connected to the first interface (23).

Claim 13 (currently amended)

The system as claimed in claim 12, wherein said means (21) of controlling the multiple user streams comprise at least one of the following elements: means of scheduling the setting up of said streams, means of managing priorities between the streams, means of managing queuing for setting up said streams and means of managing service quality.

Claim 14 (currently amended)

A supervision method in a communication system comprising a radio unit (2), several terminal equipments (1) and a local administration server (5), the radio unit comprising a first communication interface (23) with the terminal equipments, a second radiocommunication interface (20) with a cellular network (4), a module for identifying a subscription to the cellular network (40) and means for transferring multiple user streams between the cellular network and the respective terminal equipments connected to the first interface within the framework of the subscription identified by said module, wherein the local administration server communicates with the terminal equipments, independently of the cellular network, to supervise the interchanges over the first communication interface.

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Claim 15 (currently amended)

The method as claimed in claim 14, wherein the communication between the local administration server ~~(5)~~ and a terminal equipment ~~(1)~~ is made via the radio unit ~~(2)~~.

Claim 16 (currently amended)

The method as claimed in claim 14 ~~or 15~~, wherein said first communication interface ~~(23)~~ is a radio interface.

Claim 17 (currently amended)

The method as claimed in ~~any of~~ claims 14 ~~to 16~~, wherein at least certain of said multiple user streams between the cellular network ~~(4)~~ and the respective terminal equipments ~~(1)~~ are simultaneous.

Claim 18 (currently amended)

The method as claimed in ~~any of~~ claims 14 ~~to 17~~, wherein at least certain of said multiple user streams between the cellular network ~~(4)~~ and the respective terminal equipments ~~(1)~~ are made in packet mode.

Claim 19 (currently amended)

The method as claimed in ~~any of~~ claims 14 ~~to 18~~, wherein at least certain of said multiple user streams between the cellular network ~~(4)~~ and the respective terminal equipments ~~(1)~~ are made in circuit mode.

Claim 20 (currently amended)

The method as claimed in ~~any of~~ claims 14 ~~to 19~~, wherein a measurement ~~(11)~~ of an activity relating to the interchanges over the first communication interface ~~(23)~~ is made on the radio unit ~~(2)~~ or in the terminal equipments ~~(1)~~.

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Claim 21 (currently amended)

The method as claimed in claim 20, wherein the communication between the local administration server (5) and the terminal equipments (1) includes the production of a bill based on said measurement of activity relating to the interchanges over the first communication interface.

Claim 22 (currently amended)

The method as claimed in claim 21, wherein the terminal equipments (1) include means (12) of reading a payment means, information relating to the reading of the payment means being transmitted to the local administration server (5), and wherein said billing takes into account said information relating to the reading of the payment means.

Claim 23 (currently amended)

The method as claimed in ~~any of claims 14 to 22~~, wherein the communication between the local administration server (5) and the terminal equipments (1) includes an authentication of said terminal equipments.

Claim 24 (currently amended)

The method as claimed in ~~any of claims 14 to 23~~, wherein the communication between the local administration server (5) and the terminal equipments (1) includes activation of an encryption on said first communication interface.

Claim 25 (currently amended)

The method as claimed in ~~any of claims 14 to 24~~, wherein said multiple user streams between the cellular network (4) and the respective terminal equipments (1) connected to the first interface (23) are controlled (21) on the radio unit (2).

Claim 26 (currently amended)

The method as claimed in claim 25, wherein said control (21) of the multiple user streams includes at least one of the following elements: scheduling of the setting up of said streams, management of priorities between the streams, a queuing mechanism for setting up said streams and service quality management.